

DocDB Thoughts

FNAL – Computing Division Briefing

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Introductions

- I'm the principle author of DocDB, which CD has been using for some months now.
- This product was originally developed for BTeV. Now used by Beams, FOCUS, LBL, and several others I'm forgetting
- Implementation: Perl and MySQL
 - Mixed in is a little Javascript
- Since most of you are familiar with DocDB, I don't plan to give much more general info

Meeting Organization in DocDB

- I gather this is what this group is most interested in
- In DocDB, meetings are another type of topic
 - This is historical and kind of a kludge
- Even later, a meeting organizer was added to DocDB
 - I'll say a little about this, but mostly leave time for questions and discussion

Registration

- Currently based on groups with Basic HTTP password
 - Talk to someone to get password
 - Groups have a hierarchy, some can be read only
 - E.g. BTeV has “Review”. Review is read only and any document Review can see, BTeV can see
 - Lists of what groups can view and modify documents can be separated.

More on Registration

- In development: X509 certificate authorization
 - First time user has “Public” access, directed to form to request membership in groups
 - Administrator decides if those groups are correct, confirms user
 - Access proceeds as before with group hierarchy
 - Validation of certificate is handled by web server
 - Can set-up read-only group area like current
- Future: Individual HTTP Basic accounts

Meeting Structure

- Any number of “groups” of meetings can exist (Reviews, Series, etc.)
- A meeting can have any number of sessions
- A session can have any number of talks
- Breaks can be entered in agenda too
- I know CD does something a little different with sessions really being meetings

Organizing a Meeting

- Can be top down
 - Agenda is entered in advance by maintainer
- Can be bottom up
 - Enter existing document numbers into agenda
- Want it to be useful for large meetings with parallel sessions *and* afternoon work group meetings
 - Small meetings require creating a meeting and a session. May be best to simplify entry of single session meetings.

Intentions

- Important to understand what DocDB is intended for:
 - Trusted group(s) of individuals (like a collaboration)
 - Even though in the next version users can have their own login, anyone in one group can change the documents in the same group
 - For this reason, it's not appropriate for a real conference, really. (But, see Lepton-Photon 2003.)

Modify a Meeting - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://www-btev.fnal.gov/cgi-bin/DocDB/MeetingModify

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FOCUS-doc-5-v3: Genetic Program... BTeV Document Addition Modify a Meeting

BTeV
Co

Modify a Meeting

Search
BTeV at Work

General Computing Documents Physics Detector IR & Tevatron

[DocDB Home] [New] [Search] [Last 20 Days] [List Authors] [List Topics] [Help]

Only select a Major Topic and fill in the short description if you want to make a new topic. [Click for an explanation.](#)

Major Topics:

- Conferences
- Reviews
- Collaboration Meetings
- Other Meetings

Long Description:
Muon Meeting, 10 December 2004

Short Description:

Show All Talks? ☒ Yes

Location:
Vanderbilt

URL:

Start Date:
10 Dec 2004

End Date:
10 Dec 2004

Meeting Preamble:
This meeting is to discuss the mounting system

Viewable by:

- Public
- BTeV
- Executive
- RTES
- DocDBAdm
- Review
- GRID
- INFN

Meeting Epilogue:

Modifiable by:

- BTeV
- Executive
- RTES
- DocDBAdm
- Review
- GRID
- INFN

Sessions:

Order or Delete Break	Session Title & Description	Location Start Date and Time
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Modify a Meeting - Mozilla

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Sessions:

Order or Delete	Break	Session Title & Description	Location Start Date and Time
1	<input type="checkbox"/> Break	Single Session	Room 6333 10 Dec 2004 at 11:00
2	<input type="checkbox"/> Break		15 Nov 2004 at 09:00
3	<input type="checkbox"/> Break		15 Nov 2004 at 09:00
4	<input type="checkbox"/> Break		15 Nov 2004 at 09:00
5	<input type="checkbox"/> Break		15 Nov 2004 at 09:00

Modify Meeting and Sessions

[DocDB Home] [New] [Search] [Last 20 Days] [List Authors] [List Topics] [Help]

Firefox - Modify a Meeting - Mozilla

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http://www.btev.fnal.gov/cgi-bin/DocDB/MeetingModify?conferenceid=126

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FOCUS-doc-5-v3: Genetic Program... BTeV Document Addition Modify a Meeting

Sessions:

<u>Order or Delete</u>	<u>Break</u>	<u>Session Title & Description</u>	<u>Location</u> <u>Start Date and Time</u>
1 Modify session agenda <input type="checkbox"/> Delete	No	I: Talks with video	FCC1, Feynman Computing Center 22 Jun 2004 at 08:00
2 Modify session agenda <input type="checkbox"/> Delete	No	II: Discussion, with video	FCC1, Feynman Computing Center 22 Jun 2004 at 13:15
3 Modify session agenda <input type="checkbox"/> Delete	No	III: Discussion, without video	Commitium, WH2SE 22 Jun 2004 at 15:15
4 Modify session agenda <input type="checkbox"/> Delete	No	IV: Talks, with video	West Wing, WH10NW, (630) 840-661 23 Jun 2004 at 08:00
5 Modify session agenda <input type="checkbox"/> Delete	No	V: Talks, with video	The Board Room, WH5W,(630)-2249 23 Jun 2004 at 10:45
6 Modify session agenda <input type="checkbox"/> Delete	No	VI: Discussion, without video	Commitium, WH2SE, (630) 840-3834 23 Jun 2004 at 13:45

Modify a Session - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://www.btev.fnal.gov/cgi-bin/DocDB/SessionModify?sessionId=83

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FOCUS-doc-5-v3: Genetic Program... BTeV Document Addition Modify a Session

Order, Confirm or Delete	Break	Doc. #	Talk Title & Note	Time	Author Hints	Topic Hints
1 <input checked="" type="checkbox"/> Confirm <input type="checkbox"/> Delete	No	3187	Welcome and Introduction. 	00:10	Kubota, Y. Kulyavtzev, Alex Kutschke, Rob Kwan, Simon W. L. La Monaca, A. Laaksonen, Olli Lackey, Sharon Lackowski, Tom Lang, Brian Lau, K. Lebrun, Paul	Computing:Framework Computing:Grid Computing:Hardware - General Computing:RTES Computing:Reconstruction Software Computing:Simulation Computing:Software - General Computing:Software Tools Computing:Trigger - Level 1 Computing:Trigger - Level 2/3
Move to new session? Match: Welcome to the Offline Software Mini-Workshop						
2 <input checked="" type="checkbox"/> Confirm <input type="checkbox"/> Delete	No	3178	A Vision for the Framework 	00:40	Manghisoni, Massimo Marchetto, F. Marengo, Marco Marinelli, Mauro Mayes, B. W. McBride, Patricia Mekkaoui, A. Menaar, Nabil Menary, S. Menasce, D.	BTeV General:Budgets BTeV General:ES&H BTeV General:Education & Outreach BTeV General:Electrical BTeV General:General BTeV General:Guidance BTeV General:Mechanical BTeV General:Organization BTeV General:Policies BTeV General:Proposals & Reviews
Move to new session? Match: The BTeV software infrastructure: a personal point of view						
3 <input checked="" type="checkbox"/> Confirm <input type="checkbox"/> Delete	No	3189	What are the Major Components 	00:40	Khroustalev, K. Kim, D. Kowalkowski, Jim Kozlovsky, Mark Krafczyk, George Kravtsov, V. Krider, John Kubota, Y. Kulyavtzev, Alex Kutschke, Rob	Collaboration Meetings:10 September 1999 Collaboration Meetings:6 August 1999 Collaboration Meetings:11 June 1999 Collaboration Meetings:23 April 1999 Collaboration Meetings:28 March 1999 Collaboration Meetings:20 February 1999 Collaboration Meetings:12 September 1998 Collaboration Meetings:Rest of 1998 Collaboration Meetings:Rest of 1997 Computing:Analysis Software
Move to new session? Match: Offline Software: Defining Some Components						
4 <input checked="" type="checkbox"/> Confirm <input type="checkbox"/> Delete	No	3190	Lessons learned from CDF/D0: A computing pers 	00:40	Kaplan, Daniel M. Karsai, Gabor Kasper, Penny A. Kasper, Peter Kendziora, Cary Kerby, Jim Khodyrev, V. Khroustalev, K. Kim, D. Kowalkowski, Jim	Collaboration Meetings:10 September 1999 Collaboration Meetings:6 August 1999 Collaboration Meetings:11 June 1999 Collaboration Meetings:23 April 1999 Collaboration Meetings:28 March 1999 Collaboration Meetings:20 February 1999 Collaboration Meetings:12 September 1998 Collaboration Meetings:Rest of 1998 Collaboration Meetings:Rest of 1997 Computing:Analysis Software
Move to new session? Match: Previous Experiences with Experiment Infrastructure Software						